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QUERYING HETEROGENEOUS DATA SOURCES DISTRIBUTED OVER A NETWORK USING CONTEXT INTERCHANGE

Abstract of the Disclosure

A system for querying disparate, heterogeneous data sources over a network includes a request translator and a data translator. The request translator translates a request having an associated data context declared by the requester into a query having a second data context associated with it. The second context is also associated with, and is declared by, at least one of the disparate data sources. This system also includes a data translator, which translates received data from the data context declared by the data source queried into the data context associated with the request. A related method for querying disparate data sources over a network is also described, which includes the steps of translating a request having an associated data context into a query having a second data context, which is associated with one of the disparate data sources to be queried and translating data received from the data sources from the data contexts associated with the data sources into the data context associated with the request.

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